

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

December 10, 2024

TABLE HM-63

SHEET 1 OF 3

STATE	RURAL MAJOR COLLECTOR													
	INTERNATIONAL ROUGHNESS INDEX (2)						PRESENT SERVICEABILITY RATING (3)						TOTAL REPORTED	NOT REPORTED 4/
	<60	60-94	95-170	171-220	>220	TOTAL	>3.9	3.5-3.9	2.6-3.4	2.1-2.5	<=2.0	TOTAL		
Alabama	1,375	3,670	3,367	435	217	9,064	-	-	-	-	-	-	9,064	3,165
Alaska	58	292	330	95	151	926	-	-	-	-	-	-	926	86
Arizona	281	748	1,651	341	234	3,254	-	-	-	-	-	-	3,254	90
Arkansas	727	2,982	3,445	1,434	977	9,565	215	136	514	1,079	74	2,018	11,582	11
California	315	860	1,694	542	1,031	4,441	-	-	-	-	-	-	4,441	-
Colorado	265	1,027	1,975	615	530	4,412	-	-	-	-	-	-	4,412	-
Connecticut	16	170	501	90	70	847	-	-	0	-	-	0	847	-
Delaware	37	134	188	20	9	389	-	-	-	-	-	-	389	2
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Florida	527	1,564	1,527	272	106	3,996	-	2	26	0	-	29	4,025	-
Georgia	1,229	4,551	4,930	588	242	11,540	-	-	-	-	-	-	11,540	-
Hawaii	0	16	97	45	62	220	-	-	-	-	-	-	220	0
Idaho	133	340	215	54	53	795	-	-	-	-	-	-	795	4,332
Illinois	1,815	3,723	2,982	466	118	9,104	-	-	-	-	-	-	9,104	-
Indiana	514	719	704	33	19	1,989	-	-	-	-	-	-	1,989	7,195
Iowa	-	-	-	-	-	-	-	-	-	-	-	-	-	12,801
Kansas	1,060	2,123	1,381	173	87	4,824	-	-	-	-	-	-	4,824	7,868
Kentucky	274	1,602	3,325	337	118	5,655	-	-	-	-	-	-	5,655	214
Louisiana	295	1,440	1,962	515	674	4,886	10	-	3	-	9	21	4,907	4
Maine	318	932	1,315	372	313	3,250	-	-	-	-	-	-	3,250	3
Maryland	159	416	553	114	61	1,303	-	-	-	-	-	-	1,303	-
Massachusetts	17	115	174	22	3	332	-	-	-	-	-	-	332	511
Michigan	2,272	3,660	4,639	1,258	1,004	12,833	25	3	408	35	118	589	13,422	124
Minnesota	3,093	4,545	5,557	1,066	570	14,831	-	-	-	-	-	-	14,831	0
Mississippi	143	1,513	5,687	2,388	1,919	11,650	-	-	-	-	-	-	11,650	13
Missouri	382	2,442	8,796	3,071	1,523	16,214	-	-	-	-	-	-	16,214	2
Montana	449	1,646	2,136	452	343	5,027	-	-	-	-	-	-	5,027	62
Nebraska	565	846	656	163	37	2,267	1,016	725	203	-	-	1,944	4,211	1,257
Nevada	82	471	1,232	218	126	2,128	-	-	-	-	-	-	2,128	-
New Hampshire	124	307	425	116	102	1,074	-	-	0	-	-	0	1,074	-
New Jersey	-	-	-	-	-	-	345	58	368	-	-	771	771	-
New Mexico	66	306	1,822	1,119	1,009	4,322	-	-	-	-	-	-	4,322	28
New York	330	2,692	2,149	247	155	5,572	-	-	-	-	-	-	5,572	10
North Carolina	140	1,870	5,242	529	287	8,068	-	-	-	-	-	-	8,068	15
North Dakota	1,215	3,508	2,187	329	133	7,371	-	50	-	-	-	50	7,421	-
Ohio	1,499	5,521	3,418	362	213	11,014	-	-	-	-	-	-	11,014	39
Oklahoma	912	3,645	6,224	2,673	2,523	15,978	-	-	-	-	-	-	15,978	2,571
Oregon	81	443	903	322	218	1,968	2,472	1,165	971	350	120	5,079	7,047	-
Pennsylvania	168	1,612	2,739	1,052	1,126	6,697	-	-	-	-	-	-	6,697	344
Rhode Island	4	28	68	38	24	163	-	-	-	-	-	-	163	0
South Carolina	374	2,670	4,062	1,294	807	9,207	-	-	-	-	-	-	9,207	94
South Dakota	637	1,199	1,350	194	44	3,423	5	4,028	-	-	-	4,034	7,457	23
Tennessee	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Texas	1,313	7,564	19,342	3,479	2,582	34,280	-	-	-	-	-	-	34,280	325
Utah	216	791	969	209	152	2,337	-	-	-	-	-	-	2,337	10
Vermont	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Virginia	4	1,075	3,533	1,043	550	6,205	-	-	-	-	-	-	6,205	1,066
Washington	37	879	4,312	1,691	523	7,442	-	-	-	-	-	-	7,442	562
West Virginia	11	191	226	20	2	449	-	-	-	-	-	-	449	-
Wisconsin	1,873	2,543	2,687	949	1,112	9,165	-	-	-	-	-	-	9,165	1,953
Wyoming	425	783	550	148	48	1,953	-	-	-	-	-	-	1,953	-
U.S. Total	25,828	80,175	123,226	30,998	22,204	282,432	4,090	6,167	2,493	1,464	320	14,535	296,966	44,783
Puerto Rico	-	2	24	47	254	327	-	-	-	-	-	-	327	5
Grand Total	25,828	80,177	123,250	31,045	22,459	282,759	4,090	6,167	2,493	1,464	320	14,535	297,294	44,788

For footnotes, see Footnotes Page.

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-63
SHEET 2 OF 3

December 10, 2024

STATE	URBAN MINOR ARTERIAL													
	INTERNATIONAL ROUGHNESS INDEX (2)						PRESENT SERVICEABILITY RATING (3)						TOTAL REPORTED	NOT REPORTED 4/
	<60	60-94	95-170	171-220	>220	TOTAL	>3.9	3.5-3.9	2.6-3.4	2.1-2.5	<=2.0	TOTAL		
Alabama	246	616	748	167	98	1,875	-	-	-	-	-	-	1,875	443
Alaska	20	58	78	23	22	201	-	-	-	-	-	-	201	0
Arizona	60	290	1,385	472	309	2,516	-	-	-	-	-	-	2,516	19
Arkansas	142	217	308	57	62	787	132	209	549	103	5	997	1,784	27
California	174	475	696	321	448	2,113	-	-	-	-	-	-	2,113	-
Colorado	30	242	810	331	389	1,802	-	-	-	-	-	-	1,802	-
Connecticut	23	291	862	262	237	1,675	0	1	0	-	-	1	1,676	-
Delaware	21	54	92	30	22	219	-	-	-	-	-	-	219	4
District of Columbia	-	0	12	21	125	158	-	-	-	-	-	-	158	0
Florida	400	1,369	1,740	361	294	4,165	11	29	8	0	-	48	4,212	13
Georgia	515	1,738	1,829	239	177	4,498	-	-	-	-	-	-	4,498	-
Hawaii	6	34	66	36	49	191	-	-	-	-	-	-	191	1
Idaho	10	18	34	3	9	74	-	-	-	-	-	-	74	586
Illinois	171	624	1,784	647	894	4,120	-	-	-	-	-	-	4,120	3
Indiana	257	286	146	16	9	712	-	-	-	-	-	-	712	2,176
Iowa	-	-	1	1	1	3	-	-	-	-	-	-	3	1,670
Kansas	12	34	42	14	8	110	-	-	-	-	-	-	110	1,232
Kentucky	79	337	639	121	77	1,253	-	-	-	-	-	-	1,253	101
Louisiana	64	356	692	266	312	1,689	17	-	16	-	11	45	1,734	1
Maine	28	73	92	24	25	243	-	-	-	-	-	-	243	0
Maryland	68	247	667	292	310	1,585	-	-	-	-	-	-	1,585	2
Massachusetts	31	229	660	288	213	1,420	-	-	-	-	-	-	1,420	2,533
Michigan	216	680	1,145	416	514	2,971	395	214	256	227	734	1,826	4,798	95
Minnesota	344	774	1,003	181	130	2,432	-	-	-	-	-	-	2,432	145
Mississippi	24	174	432	215	250	1,095	-	-	-	-	-	-	1,095	2
Missouri	67	297	900	443	468	2,174	-	-	-	-	-	-	2,174	4
Montana	19	62	120	37	39	277	-	-	-	-	-	-	277	-
Nebraska	11	5	3	5	14	38	297	178	61	-	1	538	576	56
Nevada	97	211	388	107	86	889	-	-	-	-	-	-	889	-
New Hampshire	53	115	217	57	51	494	-	-	-	-	-	-	494	-
New Jersey	114	191	181	29	24	538	894	887	1,247	23	9	3,060	3,598	-
New Mexico	6	69	304	136	175	690	-	-	-	-	-	-	690	19
New York	181	929	2,141	979	1,140	5,369	-	-	-	-	-	-	5,369	79
North Carolina	33	496	1,665	332	202	2,728	-	-	-	-	-	-	2,728	57
North Dakota	3	43	122	54	70	292	-	-	-	-	-	-	292	-
Ohio	202	1,028	1,595	490	580	3,894	-	-	-	-	-	-	3,894	84
Oklahoma	66	127	394	230	315	1,131	-	-	-	-	-	-	1,131	1,114
Oregon	8	40	66	31	20	166	580	275	244	11	6	1,117	1,282	-
Pennsylvania	105	624	1,707	491	648	3,575	-	-	-	-	-	-	3,575	404
Rhode Island	4	29	138	71	86	329	-	-	-	-	-	-	329	8
South Carolina	24	393	968	223	105	1,713	-	-	-	-	-	-	1,713	180
South Dakota	4	16	20	9	2	52	135	239	-	-	-	374	426	9
Tennessee	16	33	23	3	10	86	-	-	-	-	-	-	86	-
Texas	267	1,188	3,078	1,536	2,335	8,404	-	-	-	-	-	-	8,404	57
Utah	31	70	112	36	30	278	-	-	-	-	-	-	278	0
Vermont	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Virginia	17	311	1,070	307	128	1,833	-	-	-	-	-	-	1,833	532
Washington	40	263	1,389	498	563	2,752	-	-	-	-	-	-	2,752	22
West Virginia	1	44	109	25	13	194	-	-	-	-	-	-	194	0
Wisconsin	69	178	806	437	785	2,276	-	-	-	-	-	-	2,276	209
Wyoming	8	22	33	5	7	75	-	-	-	-	-	-	75	-
U.S. Total	4,386	15,998	33,514	11,375	12,880	78,152	2,462	2,032	2,382	364	767	8,006	86,158	11,889
Puerto Rico	-	-	59	177	605	841	-	-	-	-	-	-	841	14
Grand Total	4,386	15,998	33,573	11,552	13,485	78,994	2,462	2,032	2,382	364	767	8,006	86,999	11,904

For footnotes, see Footnotes Page.

FUNCTIONAL SYSTEM LENGTH - 2023

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-63
SHEET 3 OF 3

December 10, 2024

STATE	URBAN MAJOR AND MINOR COLLECTOR													
	INTERNATIONAL ROUGHNESS INDEX (2)						PRESENT SERVICEABILITY RATING (3)						TOTAL REPORTED	NOT REPORTED 4/
	<60	60-94	95-170	171-220	>220	TOTAL	>3.9	3.5-3.9	2.6-3.4	2.1-2.5	<=2.0	TOTAL		
Alabama	141	633	1,362	424	339	2,898	-	-	-	-	-	-	2,898	964
Alaska	9	74	155	80	149	468	-	-	-	-	-	-	468	12
Arizona	62	520	2,293	1,100	1,282	5,257	-	-	-	-	-	-	5,257	87
Arkansas	1	37	114	60	50	262	191	275	1,320	276	28	2,091	2,352	3
California	41	112	293	62	73	581	-	-	-	-	-	-	581	-
Colorado	37	225	668	405	545	1,881	-	-	-	-	1	1	1,882	-
Connecticut	10	147	968	494	581	2,199	2	1	0	-	-	2	2,201	-
Delaware	13	109	204	77	61	464	-	-	-	-	-	-	464	9
District of Columbia	-	-	4	18	131	153	-	-	-	-	-	-	153	-
Florida	193	1,716	4,029	1,121	1,025	8,084	105	55	55	8	0	223	8,307	40
Georgia	194	1,034	1,538	277	191	3,235	-	-	-	-	-	-	3,235	-
Hawaii	2	21	160	118	146	448	-	-	-	-	-	-	448	3
Idaho	0	2	2	-	0	5	-	-	-	-	-	-	5	763
Illinois	78	594	2,238	1,111	1,732	5,754	-	-	-	-	-	-	5,754	6
Indiana	40	39	28	0	0	108	-	-	-	-	-	-	108	3,272
Iowa	-	-	-	1	-	1	-	-	-	-	-	-	1	1,272
Kansas	17	32	20	1	7	76	-	-	-	-	-	-	76	2,051
Kentucky	11	164	631	205	166	1,177	-	-	-	-	-	-	1,177	610
Louisiana	98	432	1,164	466	686	2,846	46	-	70	-	56	173	3,019	2
Maine	31	133	262	80	68	574	-	-	-	-	-	-	574	1
Maryland	22	234	904	526	692	2,378	-	-	-	-	-	-	2,378	1
Massachusetts	-	-	6	-	-	6	-	-	-	-	-	-	6	3,011
Michigan	90	328	682	221	256	1,577	480	246	240	321	912	2,199	3,776	47
Minnesota	258	665	2,189	451	297	3,860	-	-	-	-	-	-	3,860	468
Mississippi	9	73	581	299	655	1,617	-	-	-	-	-	-	1,617	5
Missouri	6	159	1,015	609	906	2,696	-	-	-	-	-	-	2,696	18
Montana	5	36	133	92	147	414	-	-	-	-	-	-	414	10
Nebraska	0	1	2	0	2	6	187	134	50	13	3	388	394	30
Nevada	25	181	513	232	261	1,212	-	-	-	-	-	-	1,212	-
New Hampshire	33	106	248	82	112	581	-	-	0	-	-	0	581	-
New Jersey	5	38	40	2	40	126	878	422	1,795	64	23	3,182	3,307	1
New Mexico	23	88	450	182	368	1,111	-	-	-	-	-	-	1,111	43
New York	73	826	2,257	1,191	1,304	5,651	-	-	-	-	-	-	5,651	69
North Carolina	6	325	1,752	525	327	2,935	-	-	-	-	-	-	2,935	15
North Dakota	12	37	112	65	153	379	-	1	-	-	-	1	380	-
Ohio	219	1,127	2,573	898	985	5,802	-	-	-	-	-	-	5,802	170
Oklahoma	17	106	290	114	173	700	-	-	-	-	-	-	700	950
Oregon	2	37	27	6	19	90	1,172	662	535	116	27	2,513	2,603	13
Pennsylvania	32	257	2,165	1,207	1,374	5,035	-	-	-	-	-	-	5,035	758
Rhode Island	2	14	213	136	204	568	-	-	-	-	-	-	568	7
South Carolina	41	474	1,520	549	428	3,012	-	-	-	-	-	-	3,012	629
South Dakota	-	-	-	-	-	-	54	261	-	-	-	315	315	6
Tennessee	1	2	4	1	2	9	-	-	-	-	-	-	9	-
Texas	307	2,040	5,951	3,058	5,345	16,701	-	-	-	-	-	-	16,701	595
Utah	6	47	143	78	95	369	-	-	-	-	-	-	369	0
Vermont	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Virginia	5	193	1,228	432	197	2,055	-	-	-	-	-	-	2,055	1,507
Washington	17	191	1,147	781	940	3,077	-	-	-	-	-	-	3,077	56
West Virginia	1	2	23	11	18	55	-	-	-	-	-	-	55	0
Wisconsin	13	183	648	362	934	2,140	-	-	-	-	-	-	2,140	434
Wyoming	13	36	8	0	0	58	-	-	-	-	-	-	58	-
U.S. Total	2,217	13,832	42,958	18,212	23,468	100,687	3,115	2,058	4,065	798	1,052	11,089	111,776	17,936
Puerto Rico	-	0	66	169	742	978	-	-	-	-	-	-	978	29
Grand Total	2,217	13,832	43,024	18,381	24,210	101,665	3,115	2,058	4,065	798	1,052	11,089	112,753	17,965

For footnotes, see Footnotes Page.

FUNCTIONAL SYSTEM LENGTH - 2023

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

HM-63 Footnotes Page:

- (1) Some States elect to report International Roughness Index (IRI) for these systems; some report IRI for some sections and PSR for some sections. PSR is ignored for sections coded with both IRI and PSR. Some differences from other tables may be noted because these are estimated from sample data. Excludes unpaved mileage. Includes structures.
- (2) Data are reported as the IRI in inches per mile. Reference: World Bank Technical Paper Number 46, 1986. Lower IRI represents smoother riding roadways; to obtain a comprehensive assessment of pavement condition, additional measures of pavement distress are needed.
- (3) The "Present Serviceability Rating" (PSR) is a subjective, primarily ride-based system adapted from the "AASHO ROAD TESTS" conducted in the late 1950's and early 1960's. Reference: Highway Special Report 61E, 1962. The PSR values range from 0.1 to 5.0; higher PSR values represent smoother riding roadways.
- (4) Includes unpaved miles or bridges.